**母线槽主要技术参数**

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| 母线槽产品符合国际电工标准IEC439-2，国家标准GB7251.2-1997，机械行业标准JB8511-1996。母线槽主要技术参数 母线通道能保证在额定电流及110﹪额定电压下长期运行； 母线槽在长期通过额定电流时，导体搭接面及插接头与母线接触处温升不超过70K； 母线通道在周围空气温度20℃±5及温度50—70%常态下，每单元母线槽的绝缘电阻不小于20Ω。  母线槽能耐受50/60HZ，3751V试验电压，历时一分钟无击穿及闪络现象。  母线槽机械强度符合JB/T8511-1996，JB/T9662-1999的标准规定。 |
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| **封闭式母线槽导电排电阻及母线重量** |
| 母线槽主要技术参数 |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 额定电流 （A） | 电阻值  Rx10ˉΩ/m | 阻抗值 Xx10ˉΩ/m | 电抗值 Xx10Ω/m | 重量 kg/m | | | 三相四线 | 三相五线 | | 250 | 94.4 | 47.2 | 105.5 | 19.5 | 21.5 | | 400 | 70.8 | 43.6 | 83.2 | 22 | 24.3 | | 630 | 73.0 | 38.2 | 72.4 | 24.5 | 27.5 | | 800 | 61.4 | 33.2 | 69.8 | 28.5 | 32 | | 1000 | 46.9 | 26.4 | 53.8 | 32.5 | 36 | | 1250 | 35.2 | 20.2 | 40.6 | 42.5 | 46.5 | | 1600 | 26.9 | 15.5 | 31.0 | 45.5 | 59.5 | | 2000 | 24.0 | 11.9 | 24.1 | 76.5 | 89.5 | | 2500 | 17.2 | 9.7 | 19.7 | 90.5 | 105.5 | | 3150 | 14.3 | 8.2 | 16.5 | 107.5 | 120.5 | | 4000 | 10.5 | 6.0 | 12.1 | 128.5 | 141 | |
|  |
| **保护电路连续性：** |
| 母线槽主要技术参数 |
| 母线槽每一长度单元的接地端子与外壳任一未涂复点间的电阻值不大于0.1Ω，且接地端子应有明显标记。  母线通道外壳防护等级为IP40/IP54；  馈电箱插头耐受200次插拔操作试验，仍接触可靠，温升试验符合要求。 |
| 母线槽主要技术参数 |
| **短路强度（承受短路电流能力）：**  母线槽应能耐受下表规定的额定短时耐受电流和额定峰值电流所产生的热应力和电动应力。 |
| 母线槽主要技术参数 |
| |  |  |  |  | | --- | --- | --- | --- | | 母线槽额定电流 | 1秒热稳定电流有效值（KV） | 动稳定电流有效值（KV） | | | 0.1（S） | 1（S） | | 200-400 | 20 | 45 | 40 | | 630-800 | 25 | 50 | 45 | | 1000-1600 | 35 | 75 | 75 | | 2000-3000 | 55 | 100 | 100 | | 4000-5000 | 110 | 200 | 200 | |
|  |
| **50Hz电压降v/m**  **母线槽主要技术参数** |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 额定电压 （A） | 功率因数 | | | | | | | | | | | | | | 1 | .95 | .9 | .85 | .8 | .75 | .7 | .6 | .5 | .4 | .3 | .2 | .1 | | 200 | .079 | .093 | .097 | .099 | .093 | .095 | .095 | .094 | .092 | .089 | .091 | .084 | .082 | | 250 | .074 | .091 | .096 | .099 | .094 | .094 | .094 | .093 | .092 | .089 | .088 | .085 | .080 | | 400 | .068 | .082 | .086 | .087 | .088 | .088 | .087 | .085 | .082 | .078 | .073 | .068 | .062 | | 500 | .066 | .083 | .088 | .091 | .093 | .095 | .095 | .095 | .094 | .092 | .089 | .084 | .079 | | 630 | .064 | .085 | .091 | .094 | .096 | .098 | .098 | .098 | .097 | .094 | .091 | .086 | .081 | | 800 | .068 | .088 | .094 | .097 | .099 | .100 | .101 | .100 | .098 | .096 | .091 | .086 | .081 | | 1000 | .064 | .085 | .091 | .095 | .097 | .099 | .100 | .100 | .098 | .096 | .092 | .088 | .083 | | 1250 | .064 | .086 | .093 | .098 | .100 | .102 | .103 | .104 | .103 | .096 | .097 | .093 | .088 | | 1600 | .055 | .076 | .083 | .087 | .090 | .092 | .093 | .094 | .094 | .101 | .090 | .086 | .082 | | 2000 | .051 | .072 | .080 | .084 | .087 | .089 | .090 | .092 | .092 | .091 | .088 | .085 | .081 | | 2500 | .051 | .073 | .081 | .085 | .088 | .091 | .092 | .094 | .094 | .093 | .091 | .088 | .084 | | 3150 | .054 | .077 | .085 | .090 | .093 | .096 | .098 | .099 | .100 | .099 | .096 | .093 | .089 | | 4000 | 0.51 | .070 | 077 | .081 | .083 | .085 | .086 | .087 | .086 | .085 | .082 | .079 | .075 | | 5000 | 0.50 | .070 | .077 | .081 | .084 | .086 | .087 | .088 | .088 | .087 | .084 | .081 | .077 | |